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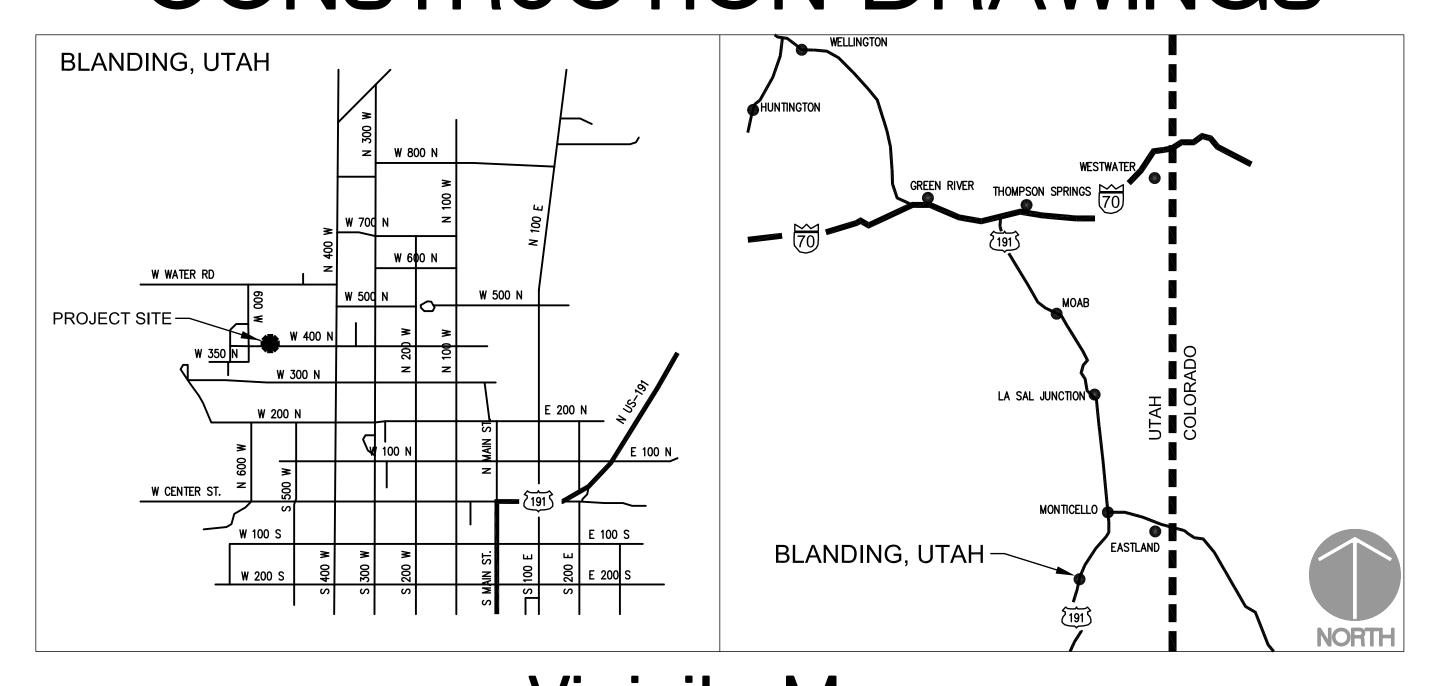
## EDGE OF CEDARS STATE PARK MUSEUM HVAC UPGRADES 660 West 400 North Blanding, Utah 84511



## AND MANAGEMENT

4110 State Office Building / Salt Lake City, Utah 84114 / 538-3018

## DFCM Project No. 06157510 CONSTRUCTION DRAWINGS



Vicinity Map

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MECHANICAL ROOF PLAN

MECHANICAL UPPER LEVEL PLAN & DETAIL

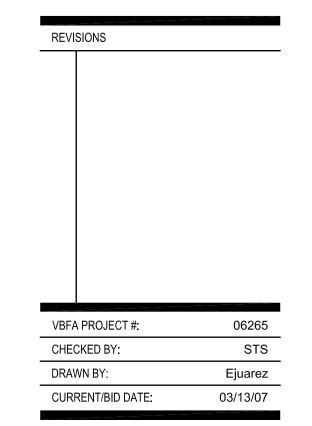
#### **CONSULTANTS**

VAN BOERUM & FRANK ASSOCIATES, INC. 330 SOUTH 300 EAST SALT LAKE CITY, UT 84111 (801) 530-3148 (Steve Shepherd)

**VAN BOERUM** & FRANK ASSOCIATES INC. CONSULTING ENGINEERS

330 South 300 East Salt Lake City, UT 84111 801.530.3148 T 801.530.3150 F





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**COVER SHEET** 

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#### **KEYED NOTES**

- REPLACE (2) EXISTING HOT GAS BYPASS VALVE WITH NEW. SEE SPECIFICATIONS.
- 2 UPGRADE AUTOMATIC TEMPERATURE CONTROLS. SEE SPECIFICATIONS.
- PROVIDE AND INSTALL LOW AMBIENT KITS TO EXISTING UNITS TO ALLOW DX COOLING OPERATION DOWN TO 0° DEGREES F AMBIENT. SEE DETAIL 2/M-102.
- PROVIDE A 7.5 HP 208/3 YASKAWA E7, OR EQUAL, VARIABLE FREQUENCY DRIVE (VFD) IN NEMA 3R WEATHERPROOF ENCLOSURE TO CONTROL EXISTING ROOTOP UNIT POWER EXHAUST FANS. IF SPACE IS AVAILABLE VFD MAY BE FURNISHED WITH NEMA 1 ENCLOSURE AND INSTALLED EXISTING ROOFTOP UNIT CONTROL CABINET. CONNECT BOTH EXHAUST FAN MOTORS TO THE VFD. FACTORY AUTHORIZED PERSONAL SHALL PROVIDE FULL STARTUP AFTER INSTALLATION. THE VFD SHALL CARRY A 3 YEAR FACTORY PARTS AND LABOR WARRANTY.
- REMOVE EXISTING FUSES, STARTERS, AND WIRING TO EXISTING ROOFTOP UNIT POWER EXHAUST FAN MOTORS. PROVIDE NEW 40 AMPERE FUSES WITH FUSE BLOCK OVERCURRENT PROTECTION OF NEW VFD. PROVIDE NEW WIRE FROM FUSE BLOCK TO NEW VFD AND FROM VFD TO EXISTING FAN MOTORS.



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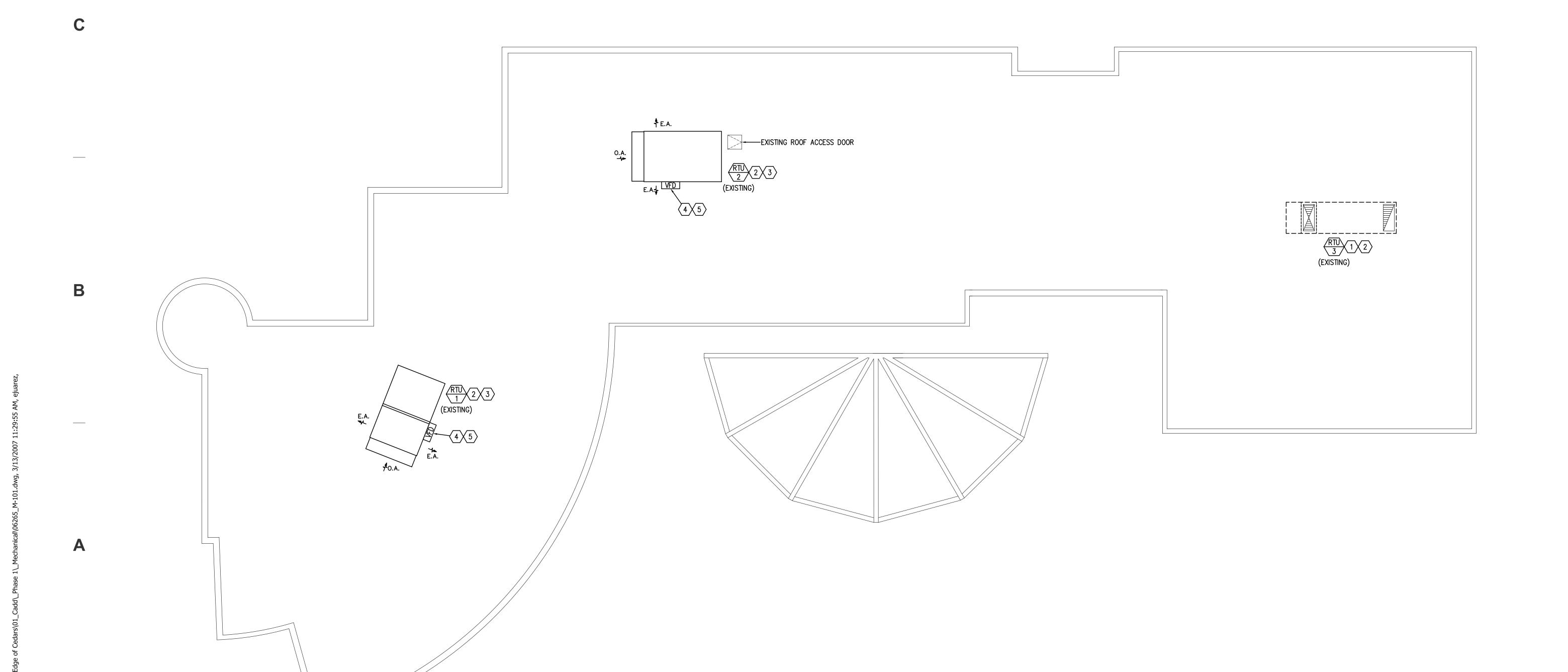
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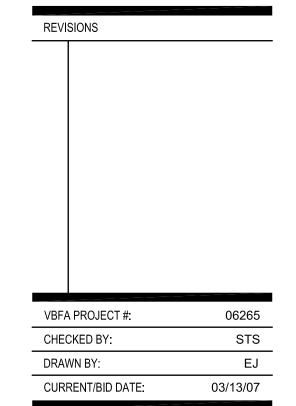


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# ge of Cedars State Park useum HVAC Upgrade



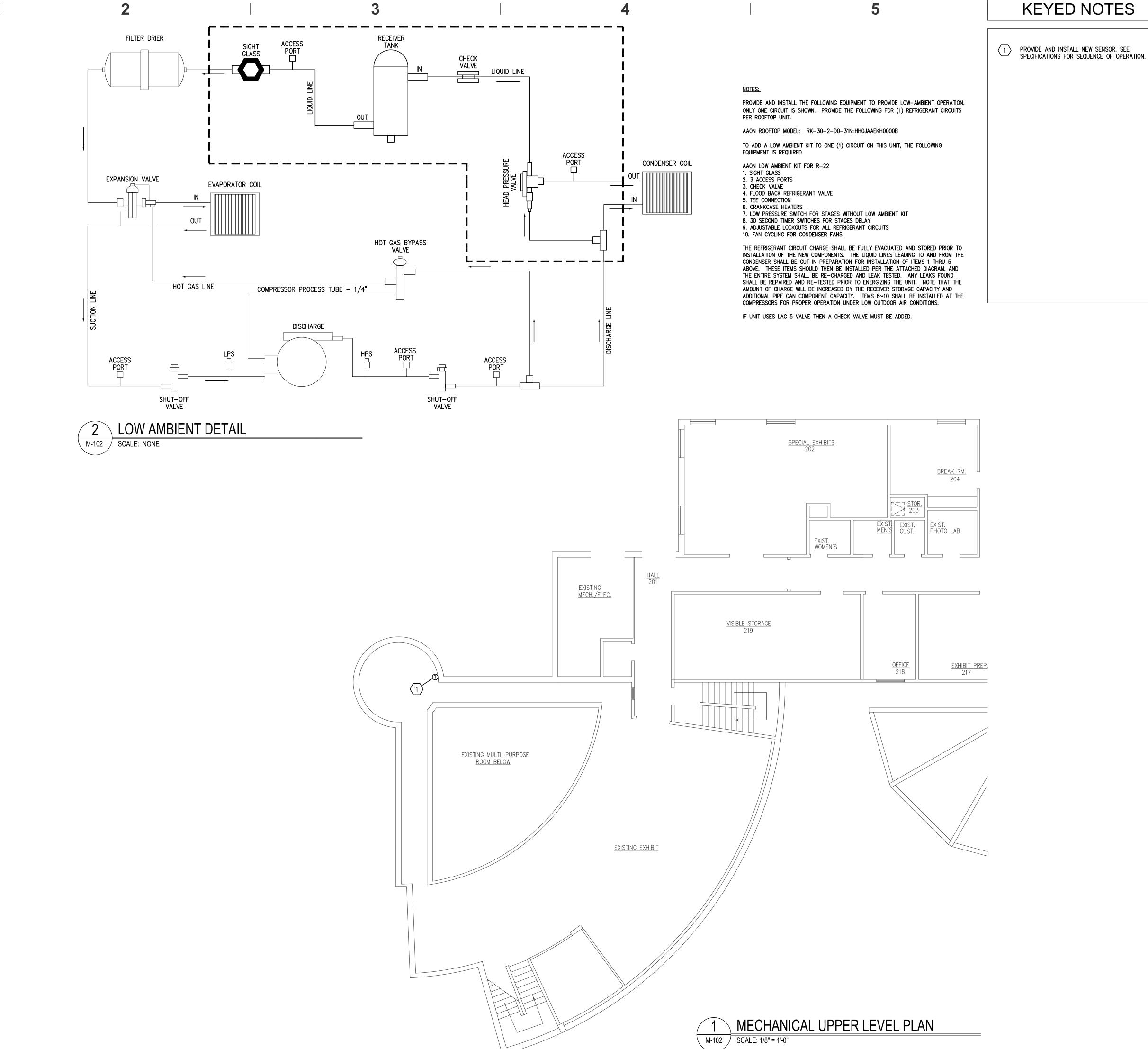
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MECHANICAL ROOF PLAN

MECHANICAL ROOF PLAN

M-101 | SCALE: 1/8" = 1'-0"

M-101



B

PROVIDE AND INSTALL NEW SENSOR. SEE

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CHECKED BY: STS CURRENT/BID DATE:

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**MECHANICAL ROOF PLAN** 

**M-102**